## **EAST Search History**

| Ref<br># | Hits  | Search Query   | DBs                           | Default<br>Operator | Plurals | Time Stamp       |
|----------|-------|--|-------------------------------|---------------------|---------|------------------|
| S1       | 1     | "6432578"  | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ                 | ON      | 2007/10/17 13:58 |
| S2       | 15    | "5508122"  | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ                 | ON      | 2007/10/17 15:56 |
| S3       | 34767 | (electrode or cathode or anode) and ((cut\$4 or incis\$4 or cleft or furrow or laceration or mark or notch or slic\$4 or slit or split or scor\$4 or indentation) same (fold\$4 or bend\$4 or creas\$4 or crimp\$4 or overlap))  | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ                 | ON .    | 2007/10/17 16:08 |
| S4       | 1472  | S3 and "429".clas.   | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ                 | ON      | 2007/10/17 16:06 |
| S5       | 11200 | (electrode or cathode or anode) and ((cut\$4 or incis\$4 or cleft or furrow or laceration or mark or notch or slic\$4 or slit or split or scor\$4 or indentation) same (fold\$4 or bend\$4 or creas\$4 or crimp\$4 or overlap) same (tab or lug or terminal or pole or collector or lead or tang)) | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ                 | ON      | 2007/10/17 16:12 |
| S7       | 709   | S5 and "429".clas.   | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ                 | ON      | 2007/10/17 16:12 |
| S8       | 0     | ("2004/0126648").URPN.   | USPAT                         | ADJ                 | ON      | 2007/10/17 16:24 |
| S9 ·     | 0     | ("2004/0161662").URPN.   | USPAT                         | ADJ                 | ON      | 2007/10/17 16:29 |
| S10      | 0     | ("2006/0147793").URPN.   | USPAT                         | ADJ                 | ON      | 2007/10/17 16:35 |
| S11      | 0     | ("2006/0222937").URPN.   | USPAT                         | ADJ                 | ON      | 2007/10/17 17:49 |
| S12      | 2     | "09171809"   | FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/10/17 17:50 |
| S13      | 1     | 1997-391030.NRAN.  | DERWENT                       | ADJ                 | ON      | 2007/10/17 18:17 |
| S14      | 9711  | (hydrophobic same hydrophilic)<br>and (nafion or teflon or ptfe)   | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ                 | ON      | 2007/10/17 18:19 |
| S15      | 744   | (anode or cathode or electrode)<br>and ((hydrophobic same<br>hydrophilic) same (nafion or teflon<br>or ptfe))  | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ                 | ON      | 2007/10/17 18:20 |
| S16      | 254   | (anode or cathode or electrode)<br>and ((hydrophobic same<br>hydrophilic) same (nafion or teflon<br>or ptfe)) and "429".clas.  | US-PGPUB;<br>USPAT;<br>USOCR  | ADJ                 | ON      | 2007/10/17 18:37 |

## **EAST Search History**

|     | 1   |   | LIO DOSLIS                   | 101 | ON! | 0007/40/47 40:00 |
|-----|-----|---|------------------------------|-----|-----|------------------|
| S17 | 131 | (anode or cathode or electrode) and ((hydrophobic same hydrophilic) same (nafion or teflon or ptfe)) and "429".clas. and (diffusion same hydrophilic) | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/10/17 18:38 |
| S18 | 1   | 1997-391030.NRAN.   | DERWENT                      | ADJ | ON  | 2007/10/17 19:04 |
| S19 | 113 | "4663248" or "4761352" or<br>"5154993" or "5162170" or<br>"543017" or "5443925" or<br>"5585206"   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/10/17 19:05 |
| S20 | 6   | ("4663248" or "4761352" or<br>"5154993" or "5162170" or<br>"543017" or "5443925" or<br>"5585206").pn.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/10/17 19:06 |
| S21 | 7   | ("4663248" or "4761352" or<br>"5154993" or "5162170" or<br>"5434017" or "5443925" or<br>"5585206").pn.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/10/17 19:07 |
| S22 | 147 | ("4663248" or "4761352" or<br>"5154993" or "5162170" or<br>"5434017" or "5443925" or<br>"5585206")  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/10/17 19:07 |
| S23 | 14  | ("4663248"   "4761352"  <br>"5154993"   "5162170"   "5434017"<br>  "5443925"   "5585206").PN. OR<br>("5834133").URPN.                                 | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/10/17 19:12 |
| S24 | 3   | ("5439760"   "5663013"  <br>"5834133").PN. OR ("6432578").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/10/17 19:14 |
| S25 | 10  | "5264306"   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/10/18 11:00 |
| S26 | 12  | ("0397796"   "0704739"  <br>"2883443"   "3458355"   "3640775"<br>  "4098966"   "4423123"  <br>"4521498").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/10/18 11:00 |
| S27 | 8   | ("5264306").URPN.   | USPAT                        | ADJ | ON  | 2007/10/18 11:03 |
| S28 | 3   | ("5439760"   "5663013"  <br>"5834133").PN. OR ("6432578").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/10/18 11:19 |
| S29 | 14  | ("4663248"   "4761352"  <br>"5154993"   "5162170"   "5434017"<br>  "5443925"   "5585206").PN. OR<br>("5834133").URPN.                                 | US-PGPUB;<br>USPAT;<br>USOCR | ADJ | ON  | 2007/10/18 18:23 |